

**Flood Control Project Maintenance
Levee Inspections**

Fall 2010 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0900	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 0900 West Sacramento	M	13.57				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	1.22		1.22	8.99%		
Trim / Thin Trees	0.02		0.02	0.15%		
Encroachments	0.02		0.02	0.15%	3.93	0.01
Slope Stability	0.01		0.01	0.07%		
Cracking	0.01		0.01	0.07%		
USACE Erosion Survey		0.27	1.08	7.96%		
<i>LMA Totals:</i>	1.28	0.27	2.36	17.39%	3.93	0.01

Unit No. 01 Sacramento River	Overall Unit Rating	Total Unit Miles				
	M	7.84				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.35		0.35	4.46%		
Trim / Thin Trees	0.02		0.02	0.26%		
Encroachments	0.01		0.01	0.13%	1.70	0.01
USACE Erosion Survey		0.27	1.08	13.78%		
<i>Unit Totals:</i>	0.38	0.27	1.46	18.62%	1.70	0.01

Unit No. 02 Yolo Bypass	Overall Unit Rating	Total Unit Miles				
	M	5.73				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.87		0.87	15.18%		
Encroachments	0.01		0.01	0.18%	2.23	
Slope Stability	0.01		0.01	0.18%		
Cracking	0.01		0.01	0.18%		
<i>Unit Totals:</i>	0.90	0.00	0.90	15.71%	2.23	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2010 Levee Inspection Results

Reclamation District No. 0900 West Sacramento

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			M	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

Reclamation District No. 0900 West Sacramento

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	7.84
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	3/16/2010		9/28/2010	
DWR Inspector	David Pesavento		David Pesavento	
Accompanied By			Ken Ruzich RD 0900	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/12/2010 10/12/2010	David Pesavento

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	1.92	2.03	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2009: no berm, 1.5:1 slope, tree hazards, holes, and slumping, sands and silts, 5.16 ft/s plus eddy currents [2009 SiteID:SAC_57-2_R]	38.560492 ° -121.518417 °	38.559019 ° -121.517150 °	29 Y
2	2.00	2.27	Earthen Levee	Vegetation	CR	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: USACE has started to construct a setback levee in this area and has taken control of this portion of the levee.	38.559202 ° -121.517707 °	38.555462 ° -121.516297 °	1
3	2.04	2.06	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.558527 ° -121.517495 °	38.558200 ° -121.517392 °	3
4	2.08	2.12	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2009: no berm, 2:1 slope, tree hazards and seepage, sands and silts, 5.02 ft/s plus eddy currents [2009 SiteID:SAC_57-0_R]	38.558239 ° -121.516736 °	38.557750 ° -121.516567 °	30 Y
5	2.13	2.13	Earthen Levee	Vegetation	LS	C	Elderberries are blocking visibility and flood fight capability.	38.557383 ° -121.517051 °	38.557383 ° -121.517051 °	964
6	2.13	2.13	Earthen Levee	Vegetation	WS	C	Elderberries are blocking visibility and flood fight capability.	38.557339 ° -121.517025 °	38.557339 ° -121.517025 °	965
7	2.30	2.30	Earthen Levee	Encroachments	LS	PO	Poles	38.555026 ° -121.516135 °	38.555026 ° -121.516135 °	21
8	2.31	2.31	Earthen Levee	Encroachments	LS	PO	Poles	38.554697 ° -121.515850 °	38.554697 ° -121.515850 °	22
9	2.35	2.35	Earthen Levee	Encroachments	LS	PO	Poles	38.554321 ° -121.515738 °	38.554321 ° -121.515738 °	24
10	2.39	2.39	Earthen Levee	Encroachments	LS	PO	Poles	38.553823 ° -121.515559 °	38.553823 ° -121.515559 °	27
11	2.39	2.39	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.553753 ° -121.515503 °	38.553753 ° -121.515503 °	6
12	2.39	2.39	Earthen Levee	Trim / Thin Trees	WS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.553751 ° -121.515497 °	38.553751 ° -121.515497 °	967
13	2.41	2.41	Earthen Levee	Encroachments	LS	PO	Poles	38.553544 ° -121.515448 °	38.553544 ° -121.515448 °	32
14	2.44	2.44	Earthen Levee	Encroachments	LS	PO	Poles	38.553016 ° -121.515464 °	38.553016 ° -121.515464 °	33
15	2.47	2.47	Earthen Levee	Encroachments	LS	PO	Poles	38.552671 ° -121.515271 °	38.552671 ° -121.515271 °	34
16	2.50	2.50	Earthen Levee	Encroachments	LS	PO	Poles	38.552256 ° -121.515107 °	38.552256 ° -121.515107 °	35
17	2.53	2.53	Earthen Levee	Encroachments	LS	PO	Poles	38.551846 ° -121.515009 °	38.551846 ° -121.515009 °	36

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0900 West Sacramento

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River						Right	7.84	10/12/2010 10/12/2010	David Pesavento

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
18	2.54	2.54	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	38.551638 ° -121.514922 °	38.551638 ° -121.514922 °	19
19	2.56	2.56	Earthen Levee	Encroachments	LS	PO	Poles	38.551315 ° -121.514768 °	38.551315 ° -121.514768 °	37
20	2.59	2.61	Earthen Levee	Encroachments	LS	PO	Fences	38.550989 ° -121.514765 °	38.550721 ° -121.514685 °	18
21	2.61	2.61	Earthen Levee	Encroachments	LS	PO	Poles	38.550657 ° -121.514676 °	38.550657 ° -121.514676 °	38
22	2.61	2.61	Earthen Levee	Encroachments	LS	PO	Poles	38.550651 ° -121.514686 °	38.550651 ° -121.514686 °	39
23	2.64	2.64	Earthen Levee	Encroachments	LS	PO	Poles	38.550114 ° -121.514526 °	38.550114 ° -121.514526 °	40
24	2.78	2.78	Earthen Levee	Trim / Thin Trees	WS	C	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.548340 ° -121.513580 °	38.548340 ° -121.513580 °	962
25	2.90	2.90	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.546783 ° -121.512878 °	38.546783 ° -121.512878 °	11 Y
26	3.33	3.33	Earthen Levee	Encroachments	LS	PO	Poles	38.540802 ° -121.514249 °	38.540802 ° -121.514249 °	41
27	3.34	3.46	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2009: no berm, 1:1 slope, tree hazards, holes, slumping, and seepage, sands and silts, 4.46 ft/s [2009 SiteID:SAC_55-7_R]	38.540333 ° -121.513889 °	38.538969 ° -121.515456 °	31 Y
28	3.37	3.37	Earthen Levee	Encroachments	LS	PO	Poles	38.540366 ° -121.514652 °	38.540366 ° -121.514652 °	42
29	3.41	3.41	Earthen Levee	Encroachments	LS	PO	Poles	38.539922 ° -121.515014 °	38.539922 ° -121.515014 °	43
30	3.43	3.43	Earthen Levee	Encroachments	LS	PO	Poles	38.539712 ° -121.515402 °	38.539712 ° -121.515402 °	44
31	3.44	3.44	Earthen Levee	Trim / Thin Trees	WS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.539597 ° -121.515447 °	38.539597 ° -121.515447 °	970
32	3.47	3.47	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.539327 ° -121.515911 °	38.539327 ° -121.515911 °	16
33	3.47	3.47	Earthen Levee	Encroachments	LS	PO	Poles	38.539300 ° -121.515903 °	38.539300 ° -121.515903 °	45
34	3.48	3.48	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	38.539224 ° -121.515926 °	38.539224 ° -121.515926 °	971
35	3.50	3.50	Earthen Levee	Trim / Thin Trees	WS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.539012 ° -121.516267 °	38.539012 ° -121.516267 °	972

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0900 West Sacramento

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River							Right	7.84	10/12/2010 10/12/2010	David Pesavento
LMR No.	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
36	3.51	4.42	Earthen Levee	Encroachments	LS	PO	Poles	38.538985 ° -121.516409 °	38.532105 ° -121.530669 °	46
37	3.52	3.52	Earthen Levee	Trim / Thin Trees	WS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.538827 ° -121.516595 °	38.538827 ° -121.516595 °	973
38	3.57	3.57	Earthen Levee	Trim / Thin Trees	WS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.538407 ° -121.517253 °	38.538407 ° -121.517253 °	974
39	3.58	3.58	Earthen Levee	Trim / Thin Trees	WS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.538233 ° -121.517469 °	38.538233 ° -121.517469 °	975
40	3.60	3.60	Earthen Levee	Trim / Thin Trees	WS	C	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.538095 ° -121.517708 °	38.538095 ° -121.517708 °	961
41	3.66	3.66	Earthen Levee	Trim / Thin Trees	WS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.537517 ° -121.518655 °	38.537517 ° -121.518655 °	976
42	3.71	3.75	Earthen Levee	Encroachments	WS	PO	Landscaping	38.537213 ° -121.519363 °	38.536833 ° -121.520087 °	15
43	3.85	3.85	Earthen Levee	Trim / Thin Trees	WS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.536123 ° -121.521538 °	38.536123 ° -121.521538 °	978
44	3.91	3.91	Earthen Levee	Vegetation	WS	C	Elderberries are blocking visibility and flood fight capability.	38.535625 ° -121.522627 °	38.535625 ° -121.522627 °	959
45	3.95	3.97	Earthen Levee	Trim / Thin Trees	WS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.535437 ° -121.523231 °	38.535275 ° -121.523519 °	979
46	4.02	4.04	Earthen Levee	Trim / Thin Trees	WS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.534942 ° -121.524389 °	38.534823 ° -121.524681 °	980
47	4.07	4.08	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	38.534678 ° -121.525180 °	38.534580 ° -121.525438 °	17
48	4.08	4.08	Earthen Levee	Encroachments	LS	C	Debris	38.534631 ° -121.525300 °	38.534631 ° -121.525300 °	981
49	4.11	4.11	Earthen Levee	Encroachments	LS	M	Debris Inspector Comments: Concrete debris with metal posing a safety risk.	38.534364 ° -121.526051 °	38.534364 ° -121.526051 °	54 Y
50	4.15	4.24	Earthen Levee	Trim / Thin Trees	WS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.534093 ° -121.526546 °	38.533518 ° -121.528001 °	984
51	4.28	4.28	Earthen Levee	Encroachments	WS	CO	Buildings Inspector Comments: Miscellaneous unpermitted encroachments at the Sherwood Harbor. An encroachment permit application is being reviewed by RD900.	38.533274 ° -121.528628 °	38.533274 ° -121.528628 °	20
52	4.47	4.47	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	38.531496 ° -121.531204 °	38.531496 ° -121.531204 °	986

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0900 West Sacramento

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River							Right	7.84	10/12/2010 10/12/2010	David Pesavento
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
53	4.77	4.77	Earthen Levee	Encroachments	LS	PO	Poles	38.527253 ° -121.531783 °	38.527253 ° -121.531783 °	47
54	4.82	5.00	Earthen Levee	Encroachments	WS	PO	Poles	38.526684 ° -121.531221 °	38.524505 ° -121.529316 °	48
55	5.04	5.25	Earthen Levee	Encroachments	LS	PO	Poles	38.524116 ° -121.528883 °	38.522004 ° -121.526141 °	49
56	5.27	5.35	Earthen Levee	Encroachments	WS	PO	Poles	38.521633 ° -121.525884 °	38.520659 ° -121.525474 °	50
57	5.39	5.39	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: 2 poles on the landward shoulder.	38.520097 ° -121.525637 °	38.520097 ° -121.525637 °	51
58	5.53	5.53	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.518988 ° -121.527738 °	38.518988 ° -121.527738 °	958
59	5.54	5.54	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.518883 ° -121.527800 °	38.518883 ° -121.527800 °	52
60	5.58	5.63	Earthen Levee	Encroachments	LS	PO	Landscaping	38.518710 ° -121.528513 °	38.518492 ° -121.529410 °	23
61	5.59	5.59	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: Retaining wall and vegetation along the edge of the landward ramp.	38.518561 ° -121.528756 °	38.518561 ° -121.528756 °	53 Y
62	5.97	5.98	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.517952 ° -121.535672 °	38.517948 ° -121.535857 °	25
63	6.04	6.06	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.517927 ° -121.537058 °	38.517917 ° -121.537430 °	26
64	6.27	6.27	Earthen Levee	Trim / Thin Trees	LS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.517648 ° -121.541176 °	38.517648 ° -121.541176 °	14
65	6.56	6.63	Earthen Levee	Encroachments	LS	C	Landscaping	38.516672 ° -121.546500 °	38.516427 ° -121.547595 °	28
66	6.74	6.74	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.515841 ° -121.549507 °	38.515841 ° -121.549507 °	65
67	6.84	6.84	Earthen Levee	Encroachments	WS	C	Debris	38.515196 ° -121.551347 °	38.515196 ° -121.551347 °	10
68	7.17	7.17	Earthen Levee	Encroachments	LS	C	Prunings	38.511904 ° -121.555280 °	38.511904 ° -121.555280 °	9
69	7.23	7.23	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.511104 ° -121.555664 °	38.511104 ° -121.555664 °	8
70	7.27	7.27	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.510613 ° -121.555969 °	38.510613 ° -121.555969 °	7 Y
71	7.29	7.29	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.510389 ° -121.556073 °	38.510389 ° -121.556073 °	5

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/12/2010 10/12/2010	David Pesavento

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
72	7.33	7.33	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.509798 ° -121.556401 °	38.509798 ° -121.556401 °	4
73	7.50	7.50	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Arundo on the waterward slope.	38.507497 ° -121.557643 °	38.507497 ° -121.557643 °	12
74	7.68	7.68	Earthen Levee	Encroachments	LS	C	Debris	38.505169 ° -121.559088 °	38.505169 ° -121.559088 °	2
75	7.81	7.81	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Arundo on the waterward slope.	38.503384 ° -121.559836 °	38.503384 ° -121.559836 °	13

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/12/2010 10/12/2010	David Pesavento

Levee Mile Report Line	1
Start Levee Mile	1.92
End Levee Mile	2.03
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: no berm, 1.5:1 slope, tree hazards, holes, and slumping, sands and silts, 5.16 ft/s plus eddy currents [2009 SiteID:SAC_57-2_R]	
dpesaven_f_20100928_383.JPG	



Levee Mile Report Line	4
Start Levee Mile	2.08
End Levee Mile	2.12
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: no berm, 2:1 slope, tree hazards and seepage, sands and silts, 5.02 ft/s plus eddy currents [2009 SiteID:SAC_57-0_R]	
dpesaven_f_20100928_384.JPG	



Levee Mile Report Line	25
Start Levee Mile	2.90
End Levee Mile	2.90
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of vegetation within the top 20' of the waterward slope looking downstream.	
dpesaven_f_20101012_470.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated	C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/12/2010 10/12/2010	David Pesavento

Levee Mile Report Line	27
Start Levee Mile	3.34
End Levee Mile	3.46
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

2009: no berm, 1:1 slope, tree hazards, holes, slumping, and seepage, sands and silts, 4.46 ft/s [2009 SiteID:SAC_55-7_R]

dpesaven_f_20100928_385.JPG



Levee Mile Report Line	49
Start Levee Mile	4.11
End Levee Mile	4.11
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of concrete debris with metal looking upstream.

dpesaven_f_20101012_472.jpg



Levee Mile Report Line	61
Start Levee Mile	5.59
End Levee Mile	5.59
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a retaining wall and vegetation along the edge of the ramp looking downstream.

dpesaven_f_20101012_471.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/12/2010 10/12/2010	David Pesavento

Levee Mile Report Line	70
Start Levee Mile	7.27
End Levee Mile	7.27
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of elderberries blocking visibility on the landward slope looking upstream.

dpesaven_f_20100928_377.jpg



*** Location**

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WS : Water Side
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

Reclamation District No. 0900 West Sacramento

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Left	5.73

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	3/16/2010		9/28/2010	
DWR Inspector	David Pesavento		David Pesavento	
Accompanied By				

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0900 West Sacramento

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass							Left	5.73	10/12/2010 10/12/2010	David Pesavento
LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Earthen Levee	Closure Structures	CR	A		38.581973 ° -121.567648 °	38.581973 ° -121.567648 °	1 Y
2	0.08	0.08	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes.	38.581057 ° -121.568127 °	38.581057 ° -121.568127 °	3 Y
3	0.08	0.08	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes.	38.581039 ° -121.568175 °	38.581039 ° -121.568175 °	2 Y
4	0.38	0.38	Earthen Levee	Encroachments	WS	PO	Poles Inspector Comments: Lights on a telephone pole at the landward toe.	38.578683 ° -121.572655 °	38.578683 ° -121.572655 °	4
5	0.95	0.95	Earthen Levee	Cracking	WS	M	Monitor and have inspected by geotechnical engineer. Inspector Comments: Cracks located on waterside on ramp toward under I-80, some slumping	38.574250 ° -121.581517 °	38.574250 ° -121.581517 °	10 Y
6	1.31	1.31	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: Abandoned city water well at the landward toe.	38.569258 ° -121.582232 °	38.569258 ° -121.582232 °	5
7	1.87	1.87	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Wood pole with electrical lines providing power to a pump in the bypass.	38.561166 ° -121.582240 °	38.561166 ° -121.582240 °	6
8	2.07	2.07	Earthen Levee	Encroachments	WS	M	Pipe Inspector Comments: HDPE pipe at the waterward toe.	38.558296 ° -121.582151 °	38.558296 ° -121.582151 °	13
9	2.46	2.46	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Wood pole with electrical lines providing power to a pump in the bypass.	38.552639 ° -121.582203 °	38.552639 ° -121.582203 °	14
10	3.26	4.92	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch Inspector Comments: District maintained drainage channel necessary for operation of the system located at the landward toe.	38.540943 ° -121.582283 °	38.517056 ° -121.582218 °	17
11	3.26	3.26	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: Recently removed waterward pump. Some pip, equipment and debris remain.	38.540943 ° -121.582280 °	38.540943 ° -121.582280 °	15
12	3.97	4.49	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Levee slope has been mowed and appears to be acceptably maintained, but vegetation is still present at the toe.	38.530680 ° -121.582204 °	38.523248 ° -121.582213 °	16 Y
13	4.37	4.37	Earthen Levee	Slope Stability	CR	M	Repair slope instability.	38.524939 ° -121.582117 °	38.524939 ° -121.582117 °	7 Y
14	4.42	4.51	Earthen Levee	Crown Surface / Depressions / Rutting	CR	C	Regrade the crown roadway for proper drainage.	38.524241 ° -121.582128 °	38.522926 ° -121.582121 °	8

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0900 West Sacramento

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass				Left	5.73	10/12/2010 10/12/2010	David Pesavento

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
15	4.57	4.92	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Levee slope has been mowed and appears to be acceptably maintained, but vegetation is still present at the toe.	38.522114 ° -121.582251 °	38.517099 ° -121.582198 °	18
16	4.60	4.73	Earthen Levee	Crown Surface / Depressions / Rutting	CR	C	Regrade the crown roadway for proper drainage.	38.521670 ° -121.582127 °	38.519753 ° -121.582131 °	9
17	4.80	4.86	Earthen Levee	Crown Surface / Depressions / Rutting	CR	C	Regrade the crown roadway for proper drainage.	38.518770 ° -121.582127 °	38.517837 ° -121.582128 °	11
18	4.96	4.96	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: Ongoing pump station replacement project underway, permit #18116.	38.516465 ° -121.582225 °	38.516465 ° -121.582225 °	12 Y
19	5.02	5.02	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: 2 power poles in the levee toe supplying power to the district pumping plant.	38.515519 ° -121.582185 °	38.515519 ° -121.582185 °	20
20	5.07	5.07	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.514929 ° -121.582163 °	38.514929 ° -121.582163 °	21
21	5.08	5.46	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch Inspector Comments: District maintained drainage channel necessary for operation of the system located at the landward toe.	38.515634 ° -121.582060 °	38.509234 ° -121.582170 °	19
22	5.10	5.10	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.514384 ° -121.582113 °	38.514384 ° -121.582113 °	22
23	5.16	5.16	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.513621 ° -121.582144 °	38.513621 ° -121.582144 °	23
24	5.21	5.21	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.512905 ° -121.582124 °	38.512905 ° -121.582124 °	24
25	5.27	5.27	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.511972 ° -121.582071 °	38.511972 ° -121.582071 °	25
26	5.33	5.33	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.511066 ° -121.582141 °	38.511066 ° -121.582141 °	26
27	5.39	5.39	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.510195 ° -121.582141 °	38.510195 ° -121.582141 °	27

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0900 West Sacramento

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass						Left	5.73	10/12/2010 10/12/2010	David Pesavento

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
28	5.46	5.46	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.509284 ° -121.582130 °	38.509284 ° -121.582130 °	28
29	5.52	5.52	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.508378 ° -121.582153 °	38.508378 ° -121.582153 °	29
30	5.58	5.58	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.507460 ° -121.582132 °	38.507460 ° -121.582132 °	30
31	5.64	5.64	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.506586 ° -121.582130 °	38.506586 ° -121.582130 °	31
32	5.71	5.71	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee shoulder supplying power to the district pumping plant.	38.505643 ° -121.582159 °	38.505643 ° -121.582159 °	32

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.73	10/12/2010 10/12/2010	David Pesavento

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Crown
Category	Earthen Levee
Item	Closure Structures

View of the tracks through the closure structure.

dpesaven_f_20101012_473.jpg



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Crown
Category	Earthen Levee
Item	Closure Structures

View of stop logs adjacent to the structure.

dpesaven_f_20101012_474.jpg



Levee Mile Report Line	2
Start Levee Mile	0.08
End Levee Mile	0.08
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of the landward slope looking downstream.

dpesaven_f_20101012_476.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.73	10/12/2010 10/12/2010	David Pesavento

Levee Mile Report Line	3
Start Levee Mile	0.08
End Levee Mile	0.08
Location	Water Side
Category	Earthen Levee
Item	Vegetation

View of the waterward slope looking downstream.

dpesaven_f_20101012_475.jpg



Levee Mile Report Line	5
Start Levee Mile	0.95
End Levee Mile	0.95
Location	Water Side
Category	Earthen Levee
Item	Cracking

Crack located on ramp on waterside of levee at LM 0.95.

dpesaven_f_20100928_391.jpg



Levee Mile Report Line	5
Start Levee Mile	0.95
End Levee Mile	0.95
Location	Water Side
Category	Earthen Levee
Item	Cracking

Closer view of crack at LM 0.95.

dpesaven_f_20100928_392.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.73	10/12/2010 10/12/2010	David Pesavento

Levee Mile Report Line	12
Start Levee Mile	3.97
End Levee Mile	4.49
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of vegetation along the toe adjacent to the ditch looking downstream.

dpesaven_f_20101012_477.jpg



Levee Mile Report Line	13
Start Levee Mile	4.37
End Levee Mile	4.37
Location	Crown
Category	Earthen Levee
Item	Slope Stability

View of an approximate 14" depression at the landward shoulder looking downstream.

dpesaven_f_20100928_388.jpg



Levee Mile Report Line	18
Start Levee Mile	4.96
End Levee Mile	4.96
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the open pit and construction activity on a new pump station on the landward side of the levee.

dpesaven_f_20100928_394.jpg



*** Location**

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WS : Water Side
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.73	10/12/2010 10/12/2010	David Pesavento

Levee Mile Report Line	18
Start Levee Mile	4.96
End Levee Mile	4.96
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of construction as of fall 2010.

dpesaven_f_20101012_478.jpg



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